

§ 466.11

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§ 466.11 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations for metal preparation operations and for coating operations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

SUBPART A—BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	16.82	3.41	6.81	1.38
Lead	6.01	1.21	5.21	1.06
Nickel	56.46	11.43	40.05	8.11
Zinc	53.26	10.78	22.43	4.54
Aluminum	182.20	36.87	74.47	15.07
Iron	112.12	22.69	56.06	11.34
Oil and grease ...	800.84	162.10	480.51	97.23
TSS	1642.00	332.20	800.90	162.00
pH	(¹)	(¹)	(¹)	(¹)
English Units—pounds per 1 million ft ² of area processed or coated				
Chromium	3.45	0.07	1.40	0.29
Lead	1.23	0.25	1.07	0.22
Nickel	11.57	2.34	8.20	1.66
Zinc	10.91	2.21	4.60	0.93
Aluminum	37.32	7.55	15.26	3.09
Iron	22.96	4.65	11.48	2.32
Oil and grease ...	164.03	33.19	98.42	19.92
TSS	337.00	68.10	164.00	33.20
pH	(¹)	(¹)	(¹)	(¹)

¹ Within the range 7.5 to 10.0 at all times.

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36543, Sept. 6, 1985]

§ 466.12 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

SUBPART A—BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	16.82	0.53	6.81	0.22
Lead	6.01	0.19	5.21	0.16
Nickel	56.50	1.78	40.05	1.26
Zinc	53.30	1.68	22.43	0.71
Aluminum	182.00	5.74	74.48	2.35
Iron	112.12	3.53	56.06	1.77
English Units—pounds per 1 million ft ² of area processed or coated				
Chromium	3.45	0.11	1.4	0.05
Lead	1.23	0.04	1.07	0.03
Nickel	11.57	0.37	8.20	0.26
Zinc	10.91	0.35	4.60	0.15
Aluminum	37.32	1.18	15.26	0.48
Iron	22.96	0.72	11.48	0.36

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36543, Sept. 6, 1985]

§ 466.13 New source performance standards.

Any new source subject to this subpart must achieve the following new source performance standards:

SUBPART A—NSPS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	3.37	0.47	1.5	0.19
Lead	1.0	0.13	0.9	0.11
Nickel	12.0	1.51	6.3	0.79
Zinc	10.2	1.29	4.2	0.53
Aluminum	30.3	3.82	12.4	1.56
Iron	28.0	3.53	14.0	1.77
Oil and grease	100.0	12.60	100.0	12.60
TSS	150.0	18.91	120.0	15.12
pH	(¹)	(¹)	(¹)	(¹)
English units—pounds per 1 million ft ² of area processed or coated				
Chromium	0.76	0.10	0.31	0.04
Lead	0.21	0.03	0.19	0.03
Nickel	2.46	0.31	1.29	0.16
Zinc	2.09	0.27	0.86	0.11
Aluminum	6.21	0.78	2.54	0.32
Iron	5.74	0.72	2.87	0.36
Oil and grease	20.48	2.58	20.48	2.58
TSS	30.72	3.87	24.58	3.10
pH	(¹)	(¹)	(¹)	(¹)

¹ Within the range 7.5 to 10.0 at all times.

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[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36543, Sept. 6, 1985]

§ 466.14 Pretreatment standards for existing sources.

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources.

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Milligrams per liter (mg/l)	
Chromium	0.42	0.17
Lead	0.15	0.13
Nickel	1.41	1.00
Zinc	1.33	0.56

(b) In cases where POTW find it necessary to impose mass effluent pretreatment standards the following equivalent mass standards are provided:

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	16.82	0.53	6.81	0.22
Lead	6.01	0.19	5.21	0.16
Nickel	56.5	1.78	40.1	1.26
Zinc	53.3	1.68	22.5	0.71
English units—lbs/1 million ft ² of area processed or coated				
Chromium	3.45	0.11	1.4	0.05
Lead	1.23	0.04	1.07	0.03
Nickel	11.6	0.37	8.20	0.26
Zinc	10.9	0.35	4.6	0.15

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36543, Sept. 6, 1985]

§ 466.15 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7 and 403.13, any new source subject to this subpart which introduces pollut-

ants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources:

SUBPART A—PSNS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	3.7	0.47	1.5	0.19
Lead	1.0	0.13	0.9	0.11
Nickel	12.0	1.51	6.3	0.79
Zinc	10.2	1.29	4.2	0.53
English units—pounds per 1 million ft ² of area processed or coated				
Chromium	0.76	0.10	0.31	0.04
Lead	0.2	0.03	0.19	0.002
Nickel	2.46	0.31	1.29	0.16
Zinc	2.09	0.27	0.86	0.11

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36543, Sept. 6, 1985]

Subpart B—Cast Iron Basis Material Subcategory

§ 466.20 Applicability; description of the cast iron basis material subcategory.

This subpart applies to discharges to waters of the United States and introductions of pollutants into publicly owned treatment works from porcelain enameling of cast iron basis materials.

§ 466.21 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

(a) There shall be no discharge of process wastewater pollutants from metal preparation operations.

(b) The discharge of process wastewater pollutants from all porcelain enameling coating operations